



Patent
Attorney Docket No. 1030681-000591

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cc

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Hye-yeon Kim et al.) Group Art Unit: 2624
Application No.: 10/717,621) Examiner: Nathan J Bloom
Filing Date: November 21, 2003) Confirmation No.: 8611
Title: APPARATUS AND METHOD FOR)
ENHANCING QUALITY OF)
REPRODUCED IMAGE)

**THIRD
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

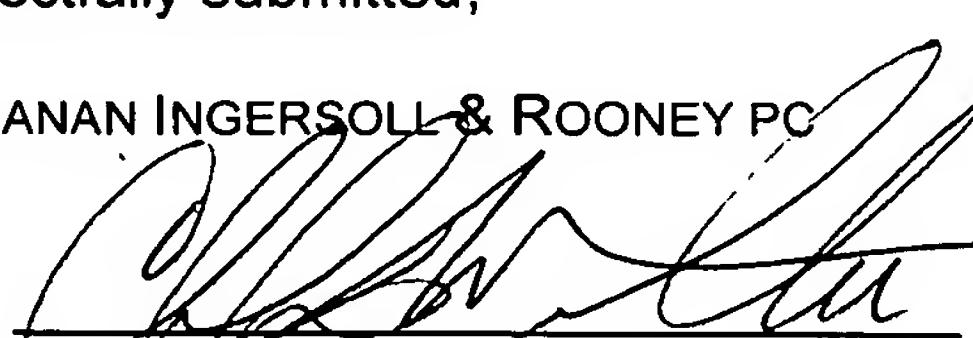
Enclosed is a THIRD Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- No additional fee for submission of an IDS is required.
- The fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e), and the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- Charge _____ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of _____ is enclosed for the fee due.
- Charge \$ 180 to credit card for the fee due. Form PTO-2038 is attached.
- The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

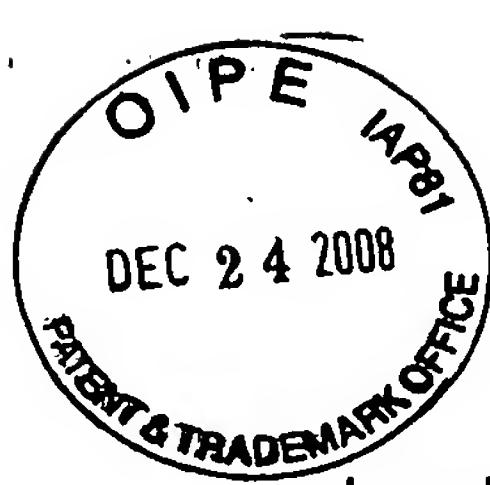
BUCHANAN INGERSOLL & ROONEY PC

By:


Charles F. Wieland III
Registration No. 33096

Date December 24, 2008

P.O. Box 1404
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703 836 6620



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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the cited documents, other than the U.S. patents and U.S. patent application publications, is enclosed.

The listed Japanese documents were cited in an Office Action dated September 9, 2008, in a corresponding Japanese application. A copy of the Office Action is being submitted herewith.

JP 2002-515988 corresponds to WO 99/00785, which was cited in the First Information Disclosure Statement filed on April 2, 2004.

The documents are being submitted after a first Office Action on the merits but prior to the closing of prosecution, therefore under 37 C.F.R. § 1.97(c), the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is enclosed.

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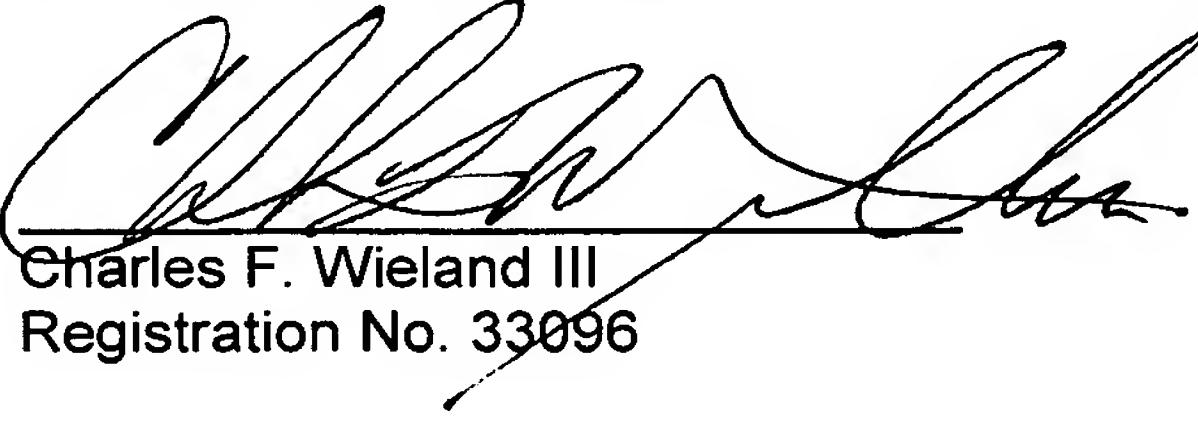
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: December 24, 2008

By:


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